

COLORADO RIVER MAIN STEM

09383000 COLORADO RIVER AT COMPACT POINT, NEAR LEES FERRY, AZ

LOCATION.--Lat 36°51'05", long 111°36'21", in NE1/4SE1/4 sec. 23, T.40 N., R.7 E., Coconino County, Hydrologic Units 14070006, 15010001, (see REMARKS), 1 mi downstream from Paria River, 1.4 mi downstream from gage on Colorado River at Lees Ferry, and 29 mi downstream from Utah-Arizona State line.

DRAINAGE AREA.--112,000 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--Oct. 1913 to current year (monthly discharge only). Prior to Oct. 1950, published in WSP 1313.

DETERMINATION OF DISCHARGE.--There is no gage. Monthly and yearly discharge computed as the sum of flow at stations on Colorado River and Paria River at Lees Ferry.

REMARKS.--This location on the Colorado River is the dividing point between the Upper Basin and Lower Basin, as defined in the Colorado River Compact of 1922. Flow substantially regulated by Lake Powell beginning Mar. 13, 1963. (See elsewhere in this report.)

AVERAGE DISCHARGE.--49 years (water years 1914--62), 17,760 ft³/s, 12,870,000 acre-ft/yr; 39 years (water years 1965--2003), 14,070 ft³/s, 10,190,000 acre-ft/yr

Monthly discharge, water year October 2002 to September 2003

Month	Mean, in cubic feet per second	Runoff, in acre-feet
October	8,203	504,400
November	8,084	481,000
December.....	9,908	609,200
Calendar year 2002.....	10,940	7,922,000
January.....	12,940	795,600
February.....	13,060	725,300
March.....	12,950	796,000
April.....	10,190	606,300
May.....	10,760	661,800
June.....	14,470	861,300
July	14,960	920,100
August	15,050	925,400
September.....	8,162	485,700
Water year 2003.....	11,560	8,372,000

NOTE.--Record shown is sum of flow at stations on Colorado River and Paria River at Lees Ferry.